

What is claimed is:

1. A method for determination and correction laser induced CCD camera or CCD array degradation comprising the steps of:
 - a) shifting the wavelength by small steps
 - b) record each interference pattern after each wavelength shift by a CCD camera
 - c) summation of all recorded interference pattern
 - d) calculation of an average interference pattern $R(i)$
 - e) evaluation of the sensitivity of each individual pixel i of the CCD camera
2. An algorithm to calculate the sensitivity of destroyed pixels of a camera, which was irradiated by laser light.
3. A method as in claim 1, wherein damages on the coating of the CCD camera or CCD array are caused by the laser irradiation.
4. A method as in claim 1, wherein spatially localized damages of the imaging optics projecting a pattern on the CCD camera or CCD array are corrected.
5. A method as in claim 1, wherein the laser is an ArF or KrF or F_2 laser.